IFW

Please type a plus sign (+) inside this box ->

+

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | Application Number | 10/789,102 |
|-------------|--|------------------------------------|--|---|
| TRANSMITTAL | | | Filing Date | February 27, 2004 |
| | | | First Named Inventor | LU, PETER S. |
| | FORM | | Group Art Unit | 1644 |
| | (to be used for all correspondence after in | itial filing) | Examiner Name | |
| | Total Number of Pages in This Submiss | ion 4 + refs. | Attorney Docket Number | VITA-009 |
| | | | ES (check all that apply) | |
| | Fee Transmittal Form | ı — | nment Papers Application) | After Allowance Communication to Group |
| | Fee Attached | Drawir | • • | Appeal Communication to Board |
| | Amendment / Reply After Final | Licens | ing-related Papers | of Appeals and Interferences Appeal Communication to Group |
| | Affidavits/declaration(s) | Petitio | n n to Convert to a | (Appeal Notice, Brief, Reply Brief) Proprietary Information |
| | Extension of Time Request Express Abandonment Request | Provis Power | ional Application of Attorney, Revocation | Status Letter |
| | Information Disclosure Statement | Addres | e of Correspondence ss nal Disclaimer | Other Enclosure(s) (please identify below): |
| | Certified Copy of Priority Documents Response to Missing Parts/ | | est for Refund | Form PTO/SB/08A Copy of cited references Postcard |
| | Incomplete Application | CD, N | umber of CD(s | <u> </u> |
| | Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | |
| | SIGNA | TURE OF APPL | ICANT, ATTORNEY, OF | AGENT |
| Signing A | Attorney/Agent JAMES S. KEDDIE BOZIČEVIC, FIELI | ., PH.D., 48,920 D& FRANCIS LLP | , , | |
| Signature | 1 10 | 3 5/10 | she | |
| Date | July 28, 2004 | | | |
| | F | KPRESS MAIL I | ABEL NO. EV46273728 | 1US |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Express Mail No. EV462737281US

INFORMATION DISCLOSURE STATEMENT

Address to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

| Attorney Docket | VITA-009 | | | |
|--------------------------------------|-------------------|--|--|--|
| First Named Inventor | LU, PETER S. | | | |
| Application Number | 10/789,102 | | | |
| Confirmation No. | 8072 | | | |
| Filing Date | February 27, 2004 | | | |
| Group Art Unit | 1644 | | | |
| Examiner Name | | | | |
| Title: "METHODS AND COMPOSITIONS FOR | | | | |

TREATING CERVICAL CANCER"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C.§102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. VITA-009 may be charged thereon.

Respectfully submitted,

BOZICEVIC, FIELD & FRANCIS LLP

Date: July 28, 2004

BOZICEVIC, FIELD & FRANCIS LLP 200 Middlefield Road, Suite 200

Menlo Park, CA 94025

Telephone: (650) 327-3400 Facsimile: (650) 327-3231

James S. Keddie, Ph.D. Registration No. 48,920

PTO/SB/08a (05-03)
Approved for use through 04/30/2003, OMB 0651-0031
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| W. B. Trass | Substitut | te for form 1449A/PTO | | | Complete if Known | | |
|-------------|--------------|---------------------------|-------|-----|------------------------|-------------------|--|
| | | | | | Application Number | 10/789,102 | |
| | | INFORMATION DISC | LOS | URE | Filing Date | February 27, 2004 | |
| | | STATEMENT BY API | PLIC | ANT | First Named Inventor | LU, PETER S. | |
| | 1 | | | | Art Unit | 1644 | |
| | 1 | (use as many sheets as ne | cessa | ry) | Examiner Name | | |
| | Sheet 1 of 2 | | | | Attorney Docket Number | VITA-009 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--------------|---|---|-------------------|---|--|--|
| Examiner Initials' | Cite No.1 | Document Number Number-Kind Code ² (if known) | Publication Date Name of Patentee or MM-DD-YYYY Applicant of Cited Document | | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| | | US- 4,777,239 | 10-11-1988 | Schoolnik, et al. | | | |
| | | US- 5,204,061 | 04-20-04 | Covington, et al. | | | |
| | | US- 5,415,995 | 05-16-95 | Schoolnik, et al. | | | |
| | | US- 5,648,459 | 07-15-97 | Cole, et al. | | | |
| | | US- 5,665,535 | 09-09-97 | Orth, et al. | | | |
| | | US- 5,747,274 | 05-05-98 | Jackowski, et al. | | | |
| | | US- 5,753,233 | 05-19-98 | Bleul, et al. | | | |
| | | US- 5,876,723 | 03-02-99 | Cole, et al. | | | |
| | | US- 6,322,794 | 11-27-01 | Bleul, et al. | | | |
| | | US- 6,344,314 | 02-05-02 | Cole, et al. | | | |
| | | US- 5,610,077 | 03-11-97 | Davis, et al. | | | |

| | | FOREIG | N PATENT DO | CUMENTS | - | |
|-----------------------|--|--|------------------|-----------------------------|---|----------------|
| Examiner Initials' | Cite | Foreign Patent Document | Publication Date | Name of Patentee or | Pages, Columns, Lines, Where Relevant Passages | |
| | No.1 | Country Code ³ –Number ⁴ –Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Cited Document | or Relevant Figures Appear | T ⁶ |
| - | 1 | OTHER PRIOR ART—N | ON PATENT LIT | TERATURE DOCUMENT | 'S | <u></u> |
| Examiner Initials* | | | | | | T ² |
| | GARDIOL et al., MUTATIONAL ANALYSIS OF THE DISCS LARGE TUMOUR SUPPRESSOR IDENTIFIES DOMAINS RESPONSIBLE FOR HUMAN PAPILLOMAVIRUS TYPE 18 E6-MEDIATED DEGRADATION, Journal of General Virology, 2002, 83: 283-289 | | | | | |
| | | GLAUNSINGER et al., INTERA ADENOVIRUS E4-ORF1 AND I Oncogene, (2000), 19:5270-80 | | | | |

| Examiner | Date |
|-----------|------------|
| Signature | Considered |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08a (05-03) Approved for use through 04/30/2003. OMB 0651-0031

Approved for use through 04/30/2005. UMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| Substitut | te for form 1449A/PTO | | | Complete if Known | | |
|-----------------------------------|-----------------------|--------|-----|------------------------|-------------------|---|
| 0000000 | | | | Application Number | 10/789,102 | |
| | INFORMATION DIS | CLOS | URE | Filing Date | February 27, 2004 | |
| | STATEMENT BY A | PPLICA | ANT | First Named Inventor | LU, PETER S. | |
| | | | | Art Unit | 1644 | |
| (use as many sheets as necessary) | | | | Examiner Name | | |
| Sheet | 1 | of | 2 | Attorney Docket Number | VITA-009 | _ |

| Examiner Initials* | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-----------------------|--------------|---|----------------|
| | | GUIOT et al., IMMUNOLOGICAL DETECTION OF E6 REGION PROTEIN FROM HUMAN PAPILLOMAVIRUS TYPES 16 AND 18 IN PREMALIGNANT CERVICAL LESIONS, Cancer Cells, 1989, 7: 193-196 | |
| | | KIYONO et al., BINDING OF HIGH-RISK HUMAN PAPILLOMAVIRUS E6 ONCOPROTEINS TO THE HUMAN HOMOLOGUE OF THE DROSOPHILA DISCS LARGE TUMOR SUPPRESSOR PROTEIN, Proc. Natl. Acad. Sci., (1997), 94:11612-6 | |
| | | LEE et al., BINDING OF HUMAN VIRUS ONCOPROTEINS TO HDLG/SAP97, A MAMMALIAN HOMOLOG OF THE DROSOPHILA DISCS LARGE TUMOR SUPPRESSOR PROTEIN, Proc. Natl. Acad. Sci., (1997), 94:6670-5 | |
| | | MATHUR et al., HUMAN PAPILLOMAVIRUS (HPV)-E6/E7 AND EPIDERMAL GROWTH FACTOR RECEPTOR (EGF-R) PROTEIN LEVELS IN CERVICAL CANCER AND CERVICAL INTRAEPITHELIAL NEOPLASIA (CIN), American Journal of Re. Immun., 2001, 46(4): 280-287 | |
| | | MESCHEDE et al., ANTIBODIES AGAINST EARLY PROTEINS OF HUMAN PAPILLOMAVIRUSES AS DIAGNOSTIC MARKERS FOR INVASIVE CERVICAL CANCER, J. Clin. Microbiol., (1998), 36:475-80 | |
| | | MUNGER et al., THE ROLE OF HUMAN PAPILLOMAVIRUSES IN HUMAN CANCERS, Front. Biosci., (2002), 7:d641-9 | |
| | | PIM et al., HPV-18 E6*I PROTEIN MODULATES THE E6-DIRECTED DEGRADATION OF P53 BY BINDING TO FULL-LENGTH HPV-18 E6, Oncogene, (1999), 18:7403-8 | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.